

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Chang-Hoon *et al.*

Appl. No.: 09/223,274

Filed: December 30, 1998

For: **Liquid Crystal Display Having  
High Contrast Ratio**

Art Unit: 2164

Examiner: Malinowski, W.

Atty. Docket: 06192.0057.CPUS01

PRELIMINARY AMENDMENT

RECEIVED

JUL 09 2001

Technology Center 2100

Assistant Commissioner for Patents  
Washington, DC 20231

Sir:

Please amend the above captioned application as follows:

***In the Claims:***

Please enter the following new claims.

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12. A liquid crystal display, comprising:
- a first panel having a first electrode and a second electrode that are separated from each other and generate electric field by applying voltage;
  - a second panel spaced apart from said first panel;
  - a liquid crystal layer interposed between said first panel and said second panel, wherein liquid crystal molecules are aligned substantially parallel to said first panel and said second panel; and
  - a plurality of spacers dispersed in the liquid crystal layer,
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